

IN THE CLAIMS:

Sub B1
A1

1. (Once Amended, Clean) A light stable hydrophobic polyurethane elastomer comprising the reaction product of:

- A) an isocyanate terminated prepolymer having an isocyanate content ranging from 4 to 12 wt.% NCO comprising the reaction product of:
 - i) an OH terminated homopolymer of butadiene having a molecular weight ranging from 1000 to 4000 and an OH functionality of from 1.9 to 2.1; and
 - ii) an aliphatic or cycloaliphatic diisocyanate; and
- B) a diol chain extender having a molecular weight ranging from 62 to 400.

Sub C2
A2

3. (Once Amended, Clean) The elastomer according to Claim 1, wherein the OH terminated homopolymer of butadiene is represented by the formula:
$$\text{HO}[\text{CH}_2-\text{CH}=\text{CH}(\text{CH}_2)_2-\text{CH}=\text{CH}-\text{CH}_2]_n\text{CH}_2-\text{CH}=\text{CH}-\text{CH}_2\text{OH},$$

wherein n is a number average value from about 8 to 36.

A3 Sub C5

10. (Once Amended, Clean) The elastomer according to Claim 1, wherein the OH terminated homopolymer of butadiene has an OH functionality ranging from 1.95 to 2.0.